

U. S. DEPARTMENT OF AGRICULTURE.

FORM 15.

FIELD DIARY
AND
TRAVEL RECORD.

Mr. E. A. Goldman

(Official title.)

Period, Sept. 20 to Nov. 19

NOTICE.

1927
Minnesota - N. Dakota - Montana

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8-3081

Oregon - California

Sept 20, 1927.

Left Washington, D.C. en route to Winona and points further west 3 P.M.

Sept. 21.

Arrived Chicago 9 A.M.

Left Chicago 8:30 P.M.

In Chicago had conference with Seth Gordon, Commissioner Director, Isaac Walton League of America, also saw Mr. W.B. Wood, Field Mgr. of Nat. Prot. Gen. discussion with Gordon during which he referred particularly to desirability of securing refuge areas in various parts of the east - his idea being that these be acquired by purchase as was the Appomattox Refuge.

Sept. 21.

Gordon promised ~~to~~ give
us any possible cooperation.
Also met Mr. Daellen,
now Executive Director of
the League.

Sept. 22

Arrived Winona 7:15 a.m.
and was met by Mr. Leay,
conferred during morning with
Leay, Duffenback and Hall
and in afternoon Leay and I
drove up along river on
Minnesota side to Kellogg.
Considerable discussion of
plan to have lands subject
to option.

Sept. 23 Winona Minn.

Further discussion with
Leay and Duffenback in
morning especially of "Mum"

Sept 23 con.
 property of Mr. Heger. Trip
 on Woodchuck in afternoon
 to place called Dakota
 down run from Winona.
 New boat worked splendidly.

Sept. 24.
 Left Winona 7.25 A.M. and
 arrived Devils Lake, N. Dak. 10.54
 A large part of day through
 lake region of Minnesota, country
 largely timbered or cultivated with
 many small lakes.

Weather has turned much colder.
 Was met at station by Wesley
 D. Parker and we drove about
 16 miles south to headquarters
 at Ft. Totten.

Sept 25

Sullivan Hill to Stump
Lake, and return. Left logs about
10 AM and drove to lake about 30 miles ^{away}

Mr. H. J. Schindeler ^{with about 6 P.M.} says
parts of Stump Lake are still
35 ft deep. Since 1882 when
he first came to country
water has receded about
36 ft. Address Tolna, N. Dak.
Mr. Schindeler who looks after
property of Walter Hill adjoining that
of West Lake Hunting Club agrees to
act as Abner for the present
at \$1.00 per year.

Examination of Stump Lake seems to
confirm Duffinbach's findings that
shoal point joined on to former
island forming a part of Reservation.

West Lake Club established many years
ago. Stump Lake has receded only a
little in past year. Parker tells me

ITEMS	PLACE	Dolls.	Cts.
Breakfast..... Tip.....			
Dinner..... Tip.....			
Supper..... Tip.....			
Lodging, to			
Laundry			
Porter	Sleeper		
	Parlor car		
Depot porter	Arrival		
	Departure		
Hotel porter	Arrival		
	Departure		
Cheeking baggage pcs.			
Baggage transfer pcs.			
From to			
Street car fare—			
From to			
Miscellaneous:			
<i>Whitford at Stump Lake.</i>			
<i>Hollands - Small numbers.</i>			
<i>Ruddy - About 100 - most common duck.</i>			
<i>Kawak Lake - a few.</i>			
<i>Pintail - a few.</i>			
<i>No northern ducks yet.</i>			

Sept. 25 con.

There is a plan on foot to dam and cap the Meromine River at Garrison and then water partly through a tunnel into Devil Lake where it would flow and refill the Stump Lake Basin. Stump Lake very strongly alkaline and apparently killing out sage grouse.

Sept 26.

Sullivan Hill by auto to Woodward en route to Chase Lake, left Logans about 1 P.M. and arrived Woodward about 6 P.M. Distance travelled about 120 miles.

Route today was through rolling prairie country largely cultivated to wheat. A few small lakes passed, but no great number of ducks seen.

Sept. 27

Left Woodward about 8 AM and after general inspection of Chose Lake returned to Sully Hill arriving about 6 P.M.

Hugh Marston

Pellibone, N. Dak.

Forwarded and published.

Chose Lake much smaller than Stamp Lake - a depression in the prairie with bordering slopes in places rising steeply and 40 to 50 ft. above the lake. Not changing much in general level. Very strongly alkaline and containing very little duck food in the form of aquatic plants.

Sept. 28, Sullys Hill Game Res.
Left Devils Lake for Dixon Mont.
10:54 AM.

Buffaloes at Sullys Hill about
18 as follows:

10 - 2 years old and fresh

2 - yearlings

5 - calves

1 - bull about 8 yrs old.

2 - bulls 2 1/2 yrs old

2 - heifers 2 1/2 " "

6 - heifer 3 " " breeding cows

Elk at Sullys Hill about 30
as follows:

fairly heavily grazed on high
points of open ground, but not
elsewhere except that aspens are
being injured a good deal by elk
and limelarches and Prunus serotina
being killed in places.

Sept. 28 am.

Timber of Sully Hill:

Oak - at least 2 species

Elm -

Aspen -

Basswood -

Ash

Box elder

Birch

Hazel - Not much eaten by game

Wild Cherry } favored by elk
Amelanchier }

Symphoricarpos - Very abundant.

Elk in winter paw off snow and
feed on grass that remains green
on north slopes in timber, also
pick up many basswood leaves at
that time according to wardens

Sept. 28

Buffaloes at Sullys Hill:

6 cows - breeding

4 - 2 1/2 yrs old (2 bulls - 2 heifers)

1 - old bull.

5 - calves, this year (4♂ - 1♀?)

2 - last years calves (1♂, 1♀)

Sell last years calves or
calves of this year if demand.
~~but not of 7 months.~~

Elk at Sullys Hill about 35

5 mature bulls.

9 calves - this year.

¹⁴
~~10~~ cows breeding

2 bulls 3 years old

4 cows 2 " "

1 bull 2 " "

} approximate

Sell 3 mature bulls - to butcher

" 6 this years calves

" 2 - 2 yr. old ~~bulls~~ cows

Sept. 29. On route from
Devils Lake, N. Dak. to Natural
Bison Range.

Sept. 30.

Arrived Spokane, Wash.

7 A.M.; left Spokane 7.55 A.M.

Arrived Dixon about 4 P.M.

Was met by Rose and Morrison and
made trip into pasture near substation

Oct. 1, Natural Bison Range.

Mr. Redington arrived 6 A.M. Day
spent in going over range with
him and he left in evening.

Oct. 2 (Sun) No official work.

Oct. 3 (Mon) Bison Range.

Took up investigation with Jones
but he soon decided to get some
data he wanted first.

Oct. 4 (Tue) Bison Range.

Jones remained away all day
and we were unable to do
business with him.

Oct. 5 (Wed.) ^{Burns Range to Missoula} Burns Range.

Jones returned today and announced he must leave in evening and am dealing with him were very unsatisfactory.

^{Burns Range to Missoula}
Oct. 6 (Thurs) ~~Burns Range~~ Burns Range.

Made trip to Missoula, leaving Burns Range about 9:30 a.m. by auto and change ~~arrived~~ arrived Missoula 11:30 a.m. Remained in Missoula conferring with Lester and others.

Oct. 7 (Fri) continued conferences in Missoula and returned to Burns Range 8 P.M.

Oct. 8 (Sat.) Bison
Range and count of birds
on Ninespine and Harte
reservoirs. Also examined
Pablo reservoir.

Accompanied on trip by Mr. Lee,
Supt. of Indian Agency.

Harte consists of about
400 acres - the lake is surrounded
by good cover and would be
suitable for a bird refuge.

Pablo Bird Res. Large reservoir
but closely grazed to water's edge
also land cultivated near so that
conditions are not very favorable
for birds.

Left Bison Range to make count
about 9 A.M. returned about 7 P.M.

Oct. 8

Pipit 7, - 50-7+45-25-1-40-1-

Meadowlark 6-1-2-1-

Thrush - 1-1-

Bluebird (mt) 5-3-2-1-

Magpie - 1-

Marsh Wren - 1-

Red-bellied gube 1-

Gube (H. becks?) 2-

Mourning 4-300-50-25-50-300-200-
500-200-100-100

Coot. 7-30 50-1200-300-200-200-500

2000-700-1500-1200-1200

Gube - 10-2-50-5-100-25-10-10-5-

Mourning - 20-4-50.

Puddy 20-25-20-300-150-100-50-100
100-200-200

Canvas Back? 25-25-

Red head? 25-

Oct. 8 con.

Towhee (common) 7

Wood. - 1-1-

Widgeon - 2-

Scaup? 10-

Prairie Falcon - 1-

Teal - 16

Hortia

Coot - 125

Ducky - 25

Redhead - 1

Green-winged Teal 30

Mallard 1

Def. 8 cm.

Pablo Reservoir

Visited in evening.

Levots - thousands

Ducks of various species - a
considerable number.

Grazed to waterline.

Oct. 9 (Sun). Bevin Range.
Office work at Range.

Oct. 10 (Mon). Bevin Range.
Office work.

Oct. 11 (Tue) Bevin Range.
Office work in morning. Afternoon
spent in field visiting duck traps
where 100 ft. of movie film
was exposed and in going
over fence with Mr. Rose.
Conferred in evening with Lester.

Oct. 12 (Wed.) Bevin
Range. To Missoula
Completed investigations with
Mr. Morrison and in evening
he, Rose and I left for
Missoula where we had
another conference with
Lester over buffalo and elk
contracts.

missoula to
Oct. 13. (Thurs) Brown
Range. Relined to Brown
Range after another talk
with Lester. Afternoon was
spent in taking motion
and still pictures of
duck traps and banding
operations.

Oct. 14 (Fri.) Brown Range.
Spent entire day on sheep
range climbing through hills
on foot to take pictures with
movie camera of sheep.
Exposed 200 ft. of film,
but did not secure any
views that were especially
good.

~~Oct. 15 Sat~~

Oct. 15 (Sat.) Keweenaw
Range & in route Yakima.
Spent day on range
mainly in trying to secure
movie pictures of buffalo.
Exposed 200 ft. of film.

Left in evening for Missoula
where I took train at 11:05 AM
for Portland Yakima.

Oct. 16 (Sat.) Yakima, Wash.
Reached Yakima 2:40 PM.
Conferred with L.P. Jorup in
evening.

Oct. 17 (Mon.) Yakima and
en route Portland. Conferred
with Jorup and took train at
2:40 PM. for Seattle. Arrived
Seattle 8:45 AM. Left Seattle
11:45 AM. for Portland.

(Mon)
Oct. 18, Portland, Or.
Arrived Portland 6:45 AM
Conferred with R. B. Steele,
Mr. Clifford and Mr. Staley of
Solicitors Office.

Oct. 19 (Tue), Portland to
Bend, Or. about 9 AM.
Left Portland by auto, with
R. B. Steele and arrived at
Bend in evening. ^{about 6} Route
up along Columbia River to
the Dalles then over desert,
Good views of Mt. Hood, Mt.
Jefferson and other peaks
of Cascades.

Oct. 20 (Wed). Bend to
Burns, Or.

Left Bend about 10:15 AM.

Oct. 20 con.
and arrived Burns 5 PM.
Fine warm day over desert.
(5th)

Oct. 21, Burns to
Malheur Lake and return.
Spent day on trip to Lake
area. Went out on hole 2d.
Saw hundreds of thousands of
mixed ducks and geese.

Oct. 22 (Sat), Burns
to Malheur Lake & return.
Drove around lake today. Left Burns
about 8:30 and returned 10:30 P.M.
No advantage in ~~going~~
building levee from
Burns rd. south. Malheur
No water when water low &
not needed as storage from
water right.

Oct. 22 con.

Gadwall } most
Cinnamon teal } abundant
Waller } numbers
in about in order given
according to Beach

They came to country in
1886.

Previous to break into Perry
Lake water came out at
east end into ^{South Fork of} Walheur
River.

They say lake was extremely
low about the early '90s,
but he does not remember any
great scarcity of ducks.

Snow geese - 10000. Just
arriving in numbers

Oct 22 cm.

Foothill crane - 3-3 ^{2nd} ~~here~~
Redhead.

Pond turtles - predominat
Caretacids - less abundant than
turtles.

~~Boats~~

Renters Springer House;
Bunker says \$100 for boat
not needed, \$50 for ammunition.

Wind Lake - water clear
Harems pretty well fed
it rises up

Oct. 23 Sun. Burns
to Blitzen Valley and return.
Off about 8:00^{am}, ret'd 7:15 PM, Dist.
tra. about 100 miles.

Eastern Oregon, Jewell Co.,
one land in Diamond
Valley.

Sandhill cranes - probably
in bunches in Diamond
Valley.

Lands of Co. extend for about
35 mi along Blitzen Valley. These
valley lands, including the lower
part of Diamond Cr. valley,
form a level valley floor
from which the valley slopes
or in places bordering lava
bluffs rise rather abruptly in
most places. In the lower part
of the valley the bordering
lava bluffs rise perhaps 300

Oct. 23 (Sun) con.

Just west near the "P" Ranch of the upper bluffs near the valley are about 1000 ft. high and a short distance above the Blitzen emerges from a canyon. The valley varies from about 200 yds. to about 5 miles in width. Much of it has been drained but thousands of acres of swamp land remain. A large acreage is also now in wheat and the Co. is building small houses in which people are located on the land and for which I am told by Burton no charge for rent is made the first year. These houses and lands are held under verbal contract.

Oct. 23. con.

and it seems to be the object
of the Co. to place a few
settlers with a view to
showing what can be done
and selling the land as a
whole to settlers.

Oct. 24 (Mon.) Burns to
Malheur Lake, Mud Lake, ^{Hammy Lake} Double
O Ranch and return.

Off at 8:30 to Malheur Lake where
we picked up Geo. M. Benson
the warden and made trip
to Mud Lake where the outlet
into Hammy Lake was examined,
then the south shore of Hammy
Lake was skirted to the Double
O Ranch ~~at~~ near the east
west end and we returned

Oct. 24 con.
along the north shore.

Conference with Alva Springer
and wife near Harrows. Arranged
for lease of Springer house as
new headquarters.

Mallards

Loons

Pintails

Leavoda geese (about 200)

} Double
O Ranch

Oct. 25 (Tue.). Burns to
Klamath Falls, via Bend.

Left Burns 9 A.M. with Sleeth
and drove through arriving 8.45
P.M. Conferred with Dr. Hubbard
before leaving Burns.

Weather rainy.

Oct. 26, (Wed) Klamath
Falls, Or.

Left Klamath Falls about
9 A.M. after conferring with
Geo. Taylor, U.S. Game Warden,
and proceeded with R.C.
Steele to Clear Lake and
Tule Lake.

We visited the southern
end of Clear Lake ~~which~~
and went out for some
distance along the peninsula
which projects for perhaps
2 miles into the lake. The
shores of the lake are barren
to the water's edge and
there is little suitable
nesting ground for birds.
Examined the fence built
across the peninsula. It
was evidently built to the

Oct. 26 Con.

water edge at a time when the water was higher than it is at present, cattle pass to some extent around the end of the fence. The grass has been much less grazed inside the fence and it appears that sheep that range on the outside are excluded. The fence is sheep proof - being built partly of woven wire netting. There are said to nest to some extent on the peninsula also gulls. At the time of my visit the day was stormy, rain falling at intervals and a cold wind blowing which made it difficult to get about and

Oct. 26 con.

observe conditions. According to Steele thousands of geese use the lake as a resting ground. At the time of our visit we saw a few Canada geese and a few mallard and pintail ducks only near the south end. Owing to the lack of time we did not visit the dam. Mr. Kilgore is the Reclamation Service employee said by Steele to be in charge there. Steele says our two boats are both in bad shape and perhaps neither worth salvaging.

In the afternoon we visited Tule Lake, passing across the

Oct. 26 con.

eastern part of the old lake
bed now much of it in crops
of wheat and rye, and
shrubbed the southern shore.
The swamp in the southern part
is a large area covered over
a wide extent with shallow
water with little patches of ~~the~~
and sufficient green vegetation
to afford much food for
ducks. And there were many
ducks on the area at the time
of our visit - according to
hunters there were largely
pintails, but also mallards
in considerable numbers.

Silas W. Kilgore, man in Reuben
Service at Clear Lake.

Marion Barnes, State Game Warden,
Klamath Falls, Or.

Oct. 27 (Thurs), Klamath
Falls and Upper Klamath Lake
and en route to Berkeley.

Went north with Steel along
highway to Ft. Klamath where
we turned west and south
along the west side of Agency
Lake and the strip of marsh
land northwest of Upper Klamath
lake. This marsh area, filled
largely with grass or aquatic
vegetation appeared to be of
great potential value as a
wild life refuge. We returned
to Klamath Falls soon after
noon and I left at 1:55 ^{pm} for
Berkeley, Calif.

Oct. 28 (Fri.), Berkeley
Calif.

Arrived Berkeley about 7.30
A.M. Went to office and con-
ferred with Joseph Keyes and
shortly before noon met Mr.
Joseph Grinnell at Mus. Nat.
Zool. Met Dr Nelson in afternoon.

Oct. 29 (Sat) Berkeley,
Calif. Worked at Museum
entire day.

Oct. 30 (Sun), Berkeley,
Calif. Visited Dr. N. at hotel
in morning - Dr. Grinnell came
to hotel for me and afternoon
was spent working at Museum.

Oct. 31 (Mon.) Berkeley
Calif. Worked all day at
Museum.

Nov. 1 (Tue.) Berkeley,
Calif. Worked all day at
Mus.

Nov. 2 (Wed), Berkeley,
Calif. Worked most of day
at Mus. - met Mr. Henderson
in S.F. in evening.

Nov. 3 (Thurs), Berkeley,
Calif. attended meeting
~~Associated~~ ~~Speakers~~ ~~Blacks~~,
in San. Fran.

Nov. 4 (Fri.) Berkeley,
Calif. attended meeting of
Associated Speakers in S.F.

Nov. 5 (Sat). Berkeley, Calif. In morning went to S.F. and conferred with Pres. and V.P. of Miller & Lux Co., Messrs James E. Fickett and J. Leroy Nickel, Jr., then met Mr. Henderson at Forest Service in Ferry Bldg. where we conferred with John Nelson, C. E. Rachford and the solicitor Mr. Dechant. Henderson, Dechant and I returned to Berkeley and went to office 211 P.O. Bldg, where we found Geo. Tonkin and Joseph Hayes. Spent evening with Tonkin. Henderson returned to S.F. and planned to leave in morning for Los Angeles.

Nov. 6 (Sun.), Berkeley,
Calif. Most of day with
relatives in Oakland. Spent
evening ~~at~~ with Dr. Nelson
and Filand Nelson.

Nov. 7 (Mon.). Berkeley,
Calif. Spent entire day working
at California Academy of
Sciences where I met Dr.
Evermann, Mr. Swarth, Dr. Hanna,
Mr. Flewin, Mr. Mailhaid, and
Miss. McLeellan. On annual leave
4.30 P.M.

Nov. 8 (Tue.) Berkeley,
Calif. Remained at Berkeley
bringing correspondence up
to date and preparing reports.
but counting annual leave beginning
4.30 P.M. Nov. 7.

Nov. 9 (Wed). Berkeley to
Cutter, Calif. on annual leave.

Nov. 10 - 16 - On annual
leave until ~~5~~ PM on Nov. 16.
Left Cutter at 5 PM by rail
and arrived Bakersfield, Calif.
8:35 PM.

Nov. 17. Bakersfield to
Buttonwillow.

Conferred with F. G. Munger,
Gen. Mgr. of Kern Co. Land Co
at Bakersfield and arranged to
go by auto to Buttonwillow,
headquarters of Miller & Lux.
Left Bakersfield at 3 PM by
auto furnished by Mr. Munger
and arrived Buttonwillow (30 miles)
at 4 PM. At Buttonwillow met

Nov. 17 con.

Frank Rice, Supt. of Miller & Lux
and arranged to visit elk
country tomorrow. Mr. Rice
believes that there are still
several hundred of elk, but
they are said to be poached
upon by men from oil fields
near. Elk hills former range of
the elk are now largely
occupied by oil fields.

Elk, Mr. Rice says the elk
do not jump ordinary fences
unless crowded, but are apt to
try to creep under and likely
to break one of the lower wires
and then file through one after
another.

Nov. 18 (Fri.) Suttonville, Mo.

Contd.

Day spent with Frank Rice visiting various places favored by elk. Rice estimates elk of Belmont 300 and 400 split into a number of groups. Little, however, is known definitely of the actual number.

The elk formerly resided largely in the ~~main~~ ravines of the Elk Hills, ^a low group of outstanding hills extending close to Buwa Vista Slough and the lowlands a short distance north of Buwa Vista Fork. From the hills the elk ranged down daily into the huts and other vegetation near the slough for water and food and returned fields of the Krumbs, Sand Les. and Wheeler Traps.

Nov. 18 con.

With the development of the Elk Hills oil field they were forced out and moved a short distance northward where they still range into an extension of the hill country and down into fields opposite. The general section was visited and Rice showed us a number of places where the creek from the dry land ^{study} comes with Atriplex and other brush file through fences and cross the irrigation canal into the fields at night. But we found signs of only a few. Rice believes that they are staying in the ^{willows} timber somewhere on the low ground at present. In the afternoon we drove through the Elk Hills oil

Nov. 18 con.

field and across some of the deep
country to the north but saw
no elk. An ideal place for an
elk refuge would be a part of
the hills adjoining the oil field
and the bottom land adjacent
owned by the Kunkle Land
Co., but this can not be acquired
acquisition of this is no longer
feasible, owing to high speculative
value of hill land and the
fact that such an area would
be bisected by the Taft-Subsided
highway and no other very
suitable area was located.

Elk. On bottom they favor swampy
areas where hules, smart weed,
willows, nettles and other rank
vegetation, and swamp grasses grow.

Nov. 19 - Tuesday.

Left Buttonwillow on return
4:30 PM by auto (no charge);
arrived Bakersfield 5:30
PM. Left Bakersfield 9:35
PM

Elk. Saw about 75 head in
an open field several miles
east of slough and nearly
east from Elk Hills. Some
were feeding and others lying
down. Feeding apparently on
grass.

Nov. 19 (Sat.) Buttonwillow
to Bakersfield ^{by auto} and thence by
rail to Lutter, Calif.

Trip into elk country with
Frank Rice. Looked over several
prospective tracts for refuge as
far south as near Buena Vista
Lake and Kern Lake Ind. Hubbard
Ranch and adjacent land might
be suitable, but lacks swamp
land that would be desirable.
Rice says about 150 a. alfalfa on
Hubbard section. Adjacent land
belonging to Kern Co. Land Co. is
rather poor, but produces con-
siderable grass of various kinds
and there is considerable
willow timber and other brush
along an old slough.

Have ranch as nucleus of a
place further south, looked favorable.
Much muzzled & other brush & swamp
land.



410

Roll

100 ft - fence & box

Wire netting

1/2 rolls at top of hill -

1 72 x 32 ft on top of hill

1 2 rolls - 42 in lane

1 1/2 rolls 35 in lane

2 rolls

3 rolls 35 on top hill

~~1 1/2 rolls 42 in lane~~

1 - 40 roll roll 42 in on top of hill

~~1 1/2 rolls~~

1 20 roll roll on top hill

1 1/2 piece of 42 in

55-	42
20	40
60	40
10	20

100
2

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9-6081

See Benin The Caldwell
about how water broke across
into Henry Lake. in 1883 or 84

Alva Sprague

5A. more or less

~~Sec. 35~~ - T 26, R. 31,
South of Malheur Lake.

Contract should stipulate
that house must be vacated
in 30 days notice.